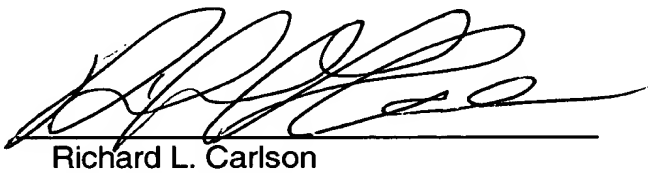
REMARKS

The Examiner is advised that the above amendments are being made with respect to the English language translation of the subject application and hence all references are with respect to the certified translation previously filed.

Claims 1-3, 5, 9, and 11 have each been amended to place them in better form for examination and claims 14 through 29 have been added by way of this amendment. Claims 14-29 correspond in modified form to previously cancelled claims 4, 6, 7, 8, 10, 12 and 13.

Favorable consideration and allowance of this application is respectfully requested.

Respectfully submitted,

By: 

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ATTACHMENT FOR SPECIFICATION AMENDMENTS

The following is a marked up version of each replacement paragraph and/or section of the specification in which underlines indicates insertions and brackets indicate deletions.

Page 1, before the first paragraph, please insert the following header:

BACKGROUND AND SUMMARY OF THE INVENTION

Page 6, between lines 4 and 5, please insert the following header::

BRIEF DESCRIPTION OF THE DRAWINGS

Please amend the paragraph beginning on page 6, line 7 as follows:

Fig. 1 [shows the] is a perspective view showing a laser according to the invention with cooling means at both ends [in a perspective general view];

Please amend the paragraph beginning on page 6, line 9 as follows:

Fig. 2[,] is a perspective view of the laser according to the invention [for external cooling circuit in a partial sectional view] with the cooling fins removed and portions thereof broken away, where the two electrodes with cooling medium channels, as well as the structure of the end pieces with flexible bearings, can be seen;

Please amend the paragraph beginning on page 6, line 12 as follows:

Fig. 3[,] is a perspective view of a flexible bearing end piece [in a perspective view] utilized in the laser of Figure 1;

Please amend the paragraph beginning on page 6, line 13 as follows:

Fig. 4[,] is a section view of the flexible bearing [the] end piece of Fig. 3 [in a sectional view];

Please amend the paragraph beginning on page 6, line 14 as follows:

Fig. 5[,] is a longitudinal sectional view of the laser structure of Fig. 2 [in longitudinal section] with the section being taken along a plane passing through the longitudinal axis thereof;

Please amend the paragraph beginning on page 6, line 15 as follows:

Fig. 6[,] is an exploded view of the laser structure of Figure 1 with a shielding netting surrounding the tubular housing all in accordance with the present invention; and

Please amend the paragraph beginning on page 6, line 17 as follows:

Fig. 7[,] is a perspective view of a laser structure with a tubular housing that in its center is provided with a flexible bellows all in accordance with the present invention.

On pag 6, betw n lin s 18 and 19, please insert the following header:

DESCRIPTION OF THE PREFERRED EMBODIMENTS

Please amend the paragraph beginning on page 7, line 13 as follows:

This makes it possible, by means of the adjusting screws 20, to adjust the end pieces, which as shown in Fig. 2, each [bear] support one of the two electrodes fastened on the outer (movable) section 24, by means of the adjusting screws 20 in the angular position to the other electrode in each instance (in Fig. 2) to the electrode 36, which is fastened at the left end.

ATTACHMENT FOR CLAIM AMENDMENTS

The following is a marked up version of each amended claim in which underlines indicates insertions and brackets indicate deletions.

1. (AMENDED) A CO_2 slab laser having a gas-filled chamber [limited] defined by a tubular housing (10), with at least two electrodes that extend into the tubular housing, said electrodes [overlap] overlapping one another and [form] forming a discharge chamber, and [with] resonator mirrors provided within said housing, characterized in that

[- the] said electrodes are each [held] supported at the opposite ends of [the] said tubular housing,

[- the] said mirrors are [arranged] supported in stationary relationship relative to the electrodes and

[- the] said electrodes[, jointly with the] and mirrors[,] are adjustable relative to one another.

2. (AMENDED) A CO_2 slab laser having a gas-filled chamber [limited] defined by a tubular housing, with at least two electrodes that extend into the tubular housing, said electrodes [overlap] overlapping one another and [form] forming a discharge chamber, and [with] resonator mirrors provided within said housing, characterized in that

[- the] said electrodes are each [held] supported at the opposite ends of [the] said tubular housing,

[- the] said mirrors are designed in one piece with [the] said electrodes and

[- the] said electrodes[, jointly with the] and mirrors[,] are adjustable relative to one another.

3. (Amended) A CO_2 slab laser [according to Claim CO_2 slab laser] having a gas-filled chamber [limited] defined by a tubular housing (10), with at least two electrodes that extend into the tubular housing, said electrodes [overlap] overlapping one another and [form] forming a discharge chamber, and [with] resonator mirrors provided within said housing, characterized in that

[- the] said electrodes each are held at the opposite ends of [the] said tubular housing,

[- the] said mirrors are [arranged] supported in stationary relationship relative to [the] said electrodes and

[- the] said electrodes[, jointly with the] and said mirrors[,] are adjustable relative to one another.

5. (Amended) A CO_2 slab laser according to Claim 3, characterized in that the electrodes are designed in one piece with the end pieces.

9. (Amended) A CO_2 slab laser according to Claim 7, characterized in that the flexible bearing is a bellows.

11. (Amended) A CO_2 slab laser according to Claim 9, characterized in that the adjusting elements contain piezoelectric crystals which are capable of being driven electrically.